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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Assignee: MagiQ Technologies, Inc.

U.S. App. No. 10/580,959

Art Unit No.: 2131

Examiner: CHEN, Shin Hon

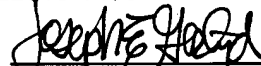
Title: Active stabilization of a one-way  
QKD system

Attorney Docket No. 061-03US1

**CERTIFICATE OF MAILING (37 CFR 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to:

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Date: June 05, 2009

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Commissioner for Patents  
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**REPLY UNDER 37 CFR § 1.113**

In reply to the Second and Final Office Action April 27, 2008, Applicants submit the following Amendments and Remarks with respect to the above-identified patent application (the "Application"). Reference is also made hereinbelow to Applicants' published patent application, U.S. Pat. Pub. No. US2007/0110241 A1 (hereinafter, the "Published Application").

This Reply is being filed within two months of the mailing date of the Final Office Action.

- **Amendments to the Claims** begin on page 2
- **Remarks/Arguments** begin on page 5